Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date.....2021

Zone: BBMP, Yelahanka

Bill Type::1st & Final Bill

Division: BBMP, Byatarayanapura

Sub-Division: Vidyaranyapura

Bill Received No. Dated **Divisional** Cash Book Voucher No.....Dated.....

Sub-Divisional Job Code: 009-20-000073

Schedule Docket No. Head of Account: P0541, Emergency Reserve Fund Est.Cost: Rs. 80.00 Lakhs INDENT NO.: 45682

Name of Work : Improvements to Roads and Drains at HMT Layout 1st Block, 2nd Block, 3rd Block and Surrounding area in Ward No. 09, (Vidyaranyapura).

Name of Contractor and Full Address: Sri N.M. Shivakumar, # 7, 2nd Block, Juganahalli, Rajajinagara, Bangalore - 560 010.

Reference to Agreement No. BBMP/EE/BTP/WO/204/2020-21

Date: 04-03-2021

Certified that the measurements were taken by me on: 3/2/22 and recorded of Pages 498948 to 498952 of measurement Book No. 4990/19-20 and that work is satisfactorily executed.

Officer-in-charge of work

Contractor

Certified that measurement were taken by me on 2/2/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

1) Total value of work done or supplies made as per account within — Final bill

2) Deduct amount to be held in reserve being.....Percent Rs.....

3) " Balance

4) Deduct Payment:

a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No.....

adjusted towards cash advance recovery of

b) Payments cost store or other material supplied.

Now made recovery of amount creditable to this /other work

Amount paid on this bill Cheque/Cash.

5) Balance being unpaid value of work done held in reserve.

6) Deduct cash advance made on the Office cash Book Voucher No.....

dated .....less adjustments.

7) Net amount due to or from Contractor unadjustments items.

8) Advance to Contractor for materials brought to site (as detailed) within

9) Value of Government materials supplied.

BA	-8320700	=00
IT	- 83207	=00
L.C	- 83207	=00
LBT	- 8321	=00
CGST	- 74292	=00
SGST	- 74292	=00
LR	- 128184	=00
EOT	- 2450	=00
TD	- 458903	=00
Total Amount Adjusted -	7866797	=00

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum

(In final settlement of all demands)

(For use in the Office)

Witness
1
2

Stamp

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account.....0541.....

Bill Passed for Rs.....8320700=00.....

Statutory Deductions Rs.....458903=00.....By Adjustment

Net Amount Paid Rs.....7866797=00.....By NEFT/RTGS

CM 22/02 — Account Superintendent, Byatarayanapura Division, BBMP

Executive Engineer, Byatarayanapura Division, BBMP — 22/02

Sl. No.		
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cu
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)	Sqm
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete	Sqm
4	Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications	Cum
5	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Sqm
6	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum
7	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead	Cum
8	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum
9	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm
10	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum
11	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm
12	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	703.80	207.00	145687.00	703.80	145687.00	
-	-	1863.00	111.00	206793.00	1863.00	206793.00	
-	-	621.00	742.00	460782.00	621.00	460782.00	
-	-	131.40	5421.00	712319.00	131.40	712319.00	
-	-	1168.00	979.00	1143472.00	1168.00	1143472.00	
-	-	58.40	5599.00	326982.00	58.40	326982.00	
-	-	189.56	56.00	10615.00	189.56	10615.00	
-	-	263.12	2001.00	526503.00	263.12	526503.00	
-	-	1052.50	29.00	30523.00	1052.50	30523.00	
-	-	52.62	7500.00	394650.00	52.62	394650.00	
-	-	4210.00	5.00	21050.00	4210.00	21050.00	
-	-	4210.00	20.50	86305.00	4210.00	86305.00	

Sl No		
13	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen	
14	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	
15	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	
16	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete	
17	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	
		Sub Total
		GST @ 12%
		Grand Total

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

...ous Measurement		Present Measurement			Total Upto Date		Remarks
	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	168.40	8900.00	1498760.00	168.40	1498760.00	
-	-	184.00	454.00	83536.00	184.00	83536.00	
-	-	718.20	2337.00	1678433.00	718.20	1678433.00	
-	-	222.00	450.00	99900.00	222.00	99900.00	
-	-	35.00	84.00	2940.00	35.00	2940.00	
				7429250.00		**7429250.00**	
				891510.00		**891510.00**	
				8320760.00		**8320760.00**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97